

ENGINEERING CHANGE NOTICE **DART AEROSPACE LTD**

MPP

| | | | | |
|--|---------------------|-------------------------|--------------------------|----------------|
| Date: 13.04.30 | Job No.: ENG4100APR | ADR Yes/No: N | ADR Date: N/A | ECN #: 13- 557 |
| Product No.: D206-781-041 | | Created By: [Signature] | Approved By: [Signature] | |
| Product Name: BAGGAGE COMPARTMENT WALL PROTECTOR | | Checked By: [Signature] | | |

| Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) | Distribution | Reqd | Resp | Initial / Date (YY/MM/DD) |
|-------------------------------|------|--------|---------------------------|----------------------------|------|-------|---------------------------|
| Director of Operations | Y | NF | [Signature] 13/05/01 | DQA / QA Coord. | Y | PS | [Signature] 13/05/01 |
| Production Manager / Coord. | Y | LL/MF | [Signature] 13-5-01 | QC Coordinator | Y | ED | [Signature] 13/05/01 |
| Purchasing Coord. | Y | CL | [Signature] 13/05/01 | Customer Support | Y | SW/LM | [Signature] 13-05-01 |
| Production Engineering Coord. | Y | DD/JLM | [Signature] 13-5-01 | Customer Technical Support | Y | MB/DS | [Signature] 13-5-1 |
| Production Engineering Coord. | Y | DL | [Signature] 13/05/01 | Marketing | Y | HM | [Signature] 13-5-1 |
| Customer Order Processing | N | RWCA | | | | | |

Reason for Change:
TO PROVIDE FASTENING METHOD OPTIONS FOR INSTALLATION OF KIT ON BELL 206B3/TH-57.

Documents Affected:
RELEASE DSI 9649 REV. A

PAPERWORK UPDATE ☒ **PARTS MUST COMPLY** ☒ **PREVIOUS PARTS SATISFACTORY** ☐

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|---|---------------------------|------|-------|--|----------|
| 1 | Notify Previous Customers | Y | MB/SW | PROVIDE DSI & INSERTS TO NAVAIR AND L3 | 13.2.5 |
| 2 | Notify Eurocopter France | N | | | |
| 3 | | | | | |

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|---|--|------|------|---------------------------------|----------------------|
| 4 | Required Documents/Drawings Under Review | N | | | |
| 5 | Update Master Document List (MDL) | Y | DB | MDL-D206-781 REV. I (SEE BELOW) | 13.05.01 [Signature] |
| 6 | Update Product Compatability Matrix | N | | | |
| 7 | Create Eurocopter Form (FEE) | N | | | |
| 8 | Notify TC / FAA of Change | N | | | |
| 9 | | | | | |

| # | Document Control Actions | Reqd | Resp | Notes | Complete |
|----|---|------|------|---------------------------------|----------------------|
| 10 | Move Electronic Files/Design Journal | Y | KJ | | 13.05.01 [Signature] |
| 11 | Update Product Specification Files | Y | KJ | ADD DSI 9649 REV. A | 13.05.01 [Signature] |
| 12 | Update Approved/Preliminary Dwg PDF Files | Y | KJ | | 13.05.01 [Signature] |
| 13 | Update Document Record (DR) | N | | | |
| 14 | Update Product Development Summary | N | | | |
| 15 | Update QSI 021 and/or STC Approval List | N | | | |
| 16 | Create/Update Parts / STC Database | N | | | |
| 17 | Update / Verify ARC Database | N | | | |
| 18 | Create / Update Change Record Form / Item Card Database | Y | KJ | D206-781-041/-061 NOW @ CHG 002 | 13.05.01 [Signature] |
| 19 | Create / Update PPP's | Y | KJ | | 13.05.01 [Signature] |
| 20 | Red Decals required? | N | | | |
| 21 | Update Document Control Database / Laminated Dwgs | N | | | |
| 22 | Update Grey Project / Electronic Binder PDF Files | Y | KJ | | 13.05.01 [Signature] |
| 23 | Update D-Part/M-Drawing/DSI/DEO Master Binders | Y | KJ | | 13.05.01 [Signature] |
| 24 | Manufacturing Licensing Agreement Update | N | | | |

Description / Action:
 - OVERWRITE EXISTING "781-I.mdl.doc" FILE IN "\\Dart-hby-kaman\engineer\Detail\Master Document List (MDL)\Approved" WITH FILE OF SAME NAME FROM MB'S FOLDER.
 - AMEND ALL D206-781-041/-061 KITS IN STOCK/PROGRESS WITH A COPY OF DSI 9649 REV. A. *0 STK*
 - ADD QTY(2) EACH 80-004-2-6 INSERTS AND AN525-10R7 SCREWS TO ALL D206-781-041/-061 KITS IN STOCK/PROGRESS. *0 stock already in barn*
 - LM TO PROVIDE CUSTOMER WITH QTY(2) 80-004-2-6 INSERTS TO REPLACE THE QTY(2) 80-004-2-8 INSERTS SENT PREVIOUSLY. *N/A*

MF 13-7-11

ECN Verified & Complete: [Signature]

Date: 13/5/3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|